

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICANT:** Andersson et al. **GROUP:** Unknown  
**SERIAL NO:** Unknown **EXAMINER:** Unknown  
**FILED:** Herewith  
**FOR:** MUTATED LACTOCOCCUS STRAIN

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

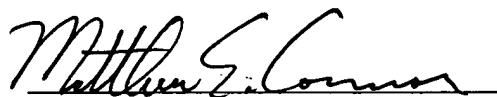
**INFORMATION DISCLOSURE STATEMENT**

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the cited article listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,



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CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited on March 30, 2004, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV383580388US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. *30, 2004 DC*



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

ATTORNEY DOCKET NO. 7553

APPLICANT: Andersson et al.

FILING DATE: Herewith

SERIAL NO. Unknown

GROUP: Unknown

EXAMINER: Unknown

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AG	WO/97/13842	4/17/97	WIPO			yes
	AH						

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AI	"The influence of limiting and non-limiting growth conditions on glucose and maltose metabolism in <i>Lactococcus lactis</i> ssp. <i>lactis</i> strains"; Sjoberg et al.; Department of Applied Microbiology; Lund Institute of Technology/University of Lund; 1995; pgs.: 931-938
	AJ	"Insertional mutagenesis in <i>Lactococcus lactis</i> subsp. <i>lactis</i> mediated by IS946"; Dinsmore et al.; FEMS Microbiology Letters; 1993; Federation of European Microbiological Societies; pgs.: 43-48
	AK	"Isolation of chromosomal mutations of <i>Lactococcus lactis</i> subsp. <i>lactis</i> biovar. <i>diacetylactis</i> 18-16 after introduction of Tn919"; FEM Microbiology Letters; 1991 Federation of European Microbiological Societies; pgs.: 135-140
	AL	"A System To Generate Chromosomal Mutations in <i>Lactococcus lactis</i> Which Allows Fast Analysis of Targeted Genes"; Law et al., Journal of Bacteriology; Department of Genetics, University of Groningen, Netherlands; 995; Vol. 177, No. 24; pgs.: 7011-7018
	AM	"Physiological Role of $\beta$ -Phosphoglucomutase in <i>Lactococcus Lactis</i> "; Levander et al., Applied and Environmental Microbiology; Oct. 2001; p. 4546-4553' Vol. 67, No. 10; Lund Institute of Technology, Lund University, Lund, Sweden
	AN	"Metabolic engineering of lactic acid bacteria: overview of the approaches and results of pathway rerouting involved in food fermentations"; Hugenholtz et al., Current Opinion in Biotechnology, 1999; pgs.: 492-497
	AO	"Genetic localization and regulation of the maltose phosphorylase gene, <i>malP</i> , in <i>Lactococcus lactis</i> "; Nilsson et al., Applied Microbiology; 2001; Lund University, Lund Sweden; pgs.: 1565-1573

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:**

**Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**